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CYANAMID

MATERIAL SAFETY DATA SHEET

NUMBER

578

(Approved by U.S. Department of Labor as "essentially similar" to Form LSB-005-4)

Rev.F

SECTION I IDENTIFICATION OF PRODUCT	
MANUFACTURER'S NAME AMERICAN CYANAMID COMPANY	EMERGENCY TELEPHONE NO. (201) 835-3100
ADDRESS Old Post Road, Havre de Grace, Maryland 21078	201-831-2000 phone #
TRADE NAME AND SYNONYMS FM-123-2 Adhesive Film	
CHEMICAL NAME AND SYNONYMS Mixture of epoxy and nitrile resins with amine curing agents	
CHEMICAL FAMILY Mixture	MOLECULAR FORMULA Mixture

SECTION II HAZARDOUS COMPONENTS OF MIXTURES					
COMPONENT	%	THRESHOLD LIMIT VALUE (UNITS)	COMPONENT	%	THRESHOLD LIMIT VALUE (UNITS)
No TLV has been established for any component of this mixture.					

SECTION III PHYSICAL DATA			
APPEARANCE AND ODOR Purple or orange, tacky film; no odor			
BOILING POINT (DEGREES FAHRENHEIT)	Not applicable	SPECIFIC GRAVITY (WATER = 1)	About 1.2
VAPOR PRESSURE (MM. OF MERCURY)	Not applicable	PERCENT VOLATILE (BY VOLUME)	Negligible
VAPOR DENSITY (AIR = 1)	Not applicable	EVAPORATION RATE (BUTYL ACETATE = 1)	Not applicable
SOLUBILITY IN WATER	Negligible	EVAPORATION RATE (ETHYL ETHER = 1)	Not applicable

SECTION IV FIRE AND EXPLOSION HAZARD DATA			
FLASH POINT (SPECIFY METHOD) (DEGREES FAHRENHEIT)	Not applicable	FLAMMABLE LIMITS (PERCENT BY VOLUME)	LOWER Not applicable UPPER
FIRE-EXTINGUISHING MEDIA	Water		
SPECIAL FIRE-FIGHTING PROCEDURES	None		
UNUSUAL FIRE AND EXPLOSION HAZARDS	None		

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READ THE BACK

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SECTION V HEALTH HAZARD DATA	
THRESHOLD LIMIT VALUE	Not applicable
EFFECTS OF OVEREXPOSURE	Prolonged or repeated contact may cause skin irritation.
EMERGENCY AND FIRST AID PROCEDURES	Wash material from skin promptly with soap and water.

SECTION VI REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID Must be stored at 0 F to prolong useful working life.
	STABLE	X	
INCOMPATIBILITY (Materials to avoid)		No specific incompatibility.	
HAZARDOUS DECOMPOSITION PRODUCTS		Thermal decomposition may produce carbon monoxide and/or carbon dioxide.	
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID Polymerizes slowly at room temperature.
	WILL NOT OCCUR	X	

SECTION VII SPILL OR LEAK PROCEDURES	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Scrape up and reclaim or place in a waste disposal container. Wash area with water and detergent.	
WASTE DISPOSAL METHOD Incinerate or bury in a landfill.	

SECTION VIII SPECIAL PROTECTION INFORMATION			
RESPIRATORY PROTECTION (Specify type) Not required at room temperature. Ventilation control must be provided during curing. Provide adequate ventilation or cure in a hood or autoclave.			
VENTILATION	LOCAL EXHAUST	Preferable	SPECIAL None
	MECHANICAL (General)	Acceptable	OTHER None
PROTECTIVE GLOVES		Rubber or plastic	EYE PROTECTION Safety goggles
OTHER PROTECTIVE EQUIPMENT		None	

SECTION IX SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING None	
OTHER PRECAUTIONS None	

SECTION X DATE AND SOURCE OF INFORMATION			
DATE March 5, 1973	NAME AND TITLE C. Boyd Shaffer, Ph.D. Director of Toxicology	SHEET NUMBER 578	